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Docket No. AMENDMENT TRANSMITTAL LETTER 00630/100D532-US1 Filing Date Examiner Art Unit Application No. November 20, 2000 M. C. Wilson 1632 09/717,450 Applicant(s): Lisa A. Neuhold et al. Invention: TRANSGENIC ANIMAL MODEL FOR DEGENERATIVE DISEASES OF CARTILAGE TO THE COMMISSIONER FOR PATENTS Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. **CLAIMS AS AMENDED** Claims Highest Number Remaining Number After Previously **Extra Claims** Amendment Paid Present Rate **Total Claims** 41 42 Independent = 3 6 Claims Multiple Dependent Claims (check if applicable) Other fee (please specify): Notice of Appeal (\$500.00) 0.00 TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: Small Entity x Large Entity x No additional fee is required for this amendment. Please charge Deposit Account No. in the amount of \$ A duplicate copy of this sheet is enclosed. A check in the amount of \$ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. 04-0100 X The Director is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed. Credit any overpayment. Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. Dated: February 2, 2005

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Docket No.: 00630/100D532-US1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Lisa A. Neuhold et al.

Application No.: 09/717,450

Art Unit: 1632

Filed: November 20, 2000

Examiner: M. C. Wilson

For: TRANSGENIC ANIMAL MODEL FOR

DEGENERATIVE DISEASES OF

CARTILAGE

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION UNDER 37 C.F.R. § 1.116

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated November 2, 2004 please consider the following amendment and remarks. This Response and Amendment is accompanied by a Notice of appeal and it accompanying fee.

It is believed that no other fees other than the Notice of Appeal fee is required for these submissions. However, should the U.S. Patent and Trademark Office determine that any other fee(s) is due or that any refund is owed for this application, the Commissioner is hereby authorized and requested to charge the required fee(s) and/or credit the refund(s) owed to our Deposit Account No. 04-0100.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

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Remarks/Arguments begin on page 18 of this paper.